

CLAIMS

Claims 1-20 are canceled.

21. (Previously Presented) A toner cartridge comprising:
a photoconductor drum; and
a removable cover attachable to said photoconductor drum wherein said removable cover isolates said photoconductor drum from at least one other component of said toner cartridge to reduce charges associated with said photoconductor drum.
22. (Previously Presented) The toner cartridge of claim 21 wherein said removable cover comprises a flexible, electrically isolating material.
23. (Previously Presented) The toner cartridge of claim 22 wherein said flexible, electrically isolating material is foam.
24. (Previously Presented) The toner cartridge of claim 21 wherein said removable cover comprises a non-conductive layer and a conductive layer.
25. (Previously Presented) The toner cartridge of claim 21 wherein said removable cover further comprises a tab for removal of said removable cover from said photoconductor drum.
26. (Previously Presented) The toner cartridge of claim 21 wherein said removable cover further includes a ground connection from said removable cover to a ground.
27. (Previously Presented) The toner cartridge of claim 21 further including at least one of a primary charge roller, cleaning blade, wiper blade, developer roller, and transfer roller.
28. (Previously Presented) The toner cartridge of claim 27 wherein said removable cover isolates said photoconductor drum from any included ones of said primary charge roller, cleaning blade, wiper blade, developer roller, and transfer roller.

29. (Previously Presented) The toner cartridge of claim 21 further comprising a development unit including:

a toner supply hopper for storing toner therein; and

a toner dam removably secured to said toner supply hopper for temporarily sealing said toner supply hopper to prevent the discharge of the toner therefrom, said toner dam being adapted for removal by an operator.

30. (Previously Presented) The toner cartridge of claim 29 further comprising a connection between said toner dam and said removable cover which allows said toner dam and said removable cover to be removed at the same time.

31. (Previously Presented) The toner cartridge of claim 21 wherein said removable cover overlays at least fifty percent of an outer surface area of said photoconductor drum.

32. (Previously Presented) A method of reducing electrostatic charge on a selected component of a toner cartridge, said method including the steps of:

isolating said selected component from other components of said toner cartridge with a removable cover to bleed off static charge associated with said selected component; and

removing said removable cover from said selected component prior to insertion of said toner cartridge into an image device.

33. (Previously Presented) The toner cartridge 32 wherein said selected component is a photoconductor roller.

34. (Previously Presented) The method of claim 32 wherein the step of isolating further comprises the step of:

attaching a flexible, electrically isolating material to an exterior surface of said selected component.

35. (Previously Presented) The method of claim 32 wherein the step of isolating further comprises a step of:

attaching a removable cover including a non-conductive layer and a conductive layer to an exterior surface of said selected component.

36. (Previously Presented) The method of claim 32 further including the steps of: mating said selected component to a development unit including a toner supply hopper for storing toner; and removably securing a toner dam to said toner supply hopper to prevent a discharge of the toner therefrom.

37. (Previously Presented) The method of claim 36, including the step of: concurrently removing said toner dam and said removable cover.

38. (Previously Presented) A toner cartridge comprising:
a housing;
a development unit including a toner supply hopper and a developer roller;
a cleaning unit including a waste hopper, a wiper blade, and a cleaning blade;
a primary charge roller;
a transfer roller;
an organic photoconductor; and
a removable cover wherein said removable cover isolates said organic photoconductor from at least one of said primary charge roller, cleaning blade, developer roller and transfer roller and bleeds off static charge associated with said organic photoconductor.

39. (Previously Presented) The toner cartridge of claim 38 wherein:
said removable cover comprises a film having an inner non-conductive layer and an outer conductive layer electrically connectable to a ground.

40. (Previously Presented) The toner cartridge of claim 38 wherein:
said removable cover is connected to a toner dam on said toner supply hopper.

41. (Previously Presented) A toner cartridge comprising:
- a photoconductor drum;
- a removable cover attachable to said photoconductor drum wherein said removable cover isolates said photoconductor drum from at least one other component of said toner cartridge to reduce charges associated with said photoconductor drum;
- a toner dam removably secured to a toner supply hopper for temporarily sealing said toner supply hopper to prevent discharge of the toner therefrom, said toner dam being adapted for removal by an operator; and
- a tab connecting said removable cover to said toner dam which allows said removable cover and said toner dam to be removed at the same time.
42. (Previously Presented) The toner cartridge of claim 41 wherein said removable cover comprises a flexible, electrically isolating material.
43. (Previously Presented) The toner cartridge of claim 41 wherein said removable cover comprises a conductive laminate formed on both sides of said removable cover.
44. (Previously Presented) The toner cartridge of claim 41 wherein said removable cover comprises:
- a first conductive laminate, wherein said first conductive laminate absorbs vibrations and provides a physical barrier between said photoconductor drum and said at least one other component; and
- a second conductive laminate, wherein said second conductive laminate drains to a ground static charges that develop on said removable cover.